

IN THE CLAIMS:

The form of the claims remains as follows:

Claim 1 (Previously Presented): A display panel driving method for driving a display panel, the display panel including a plurality of row electrode pairs, a plurality of column electrodes arranged intersecting the plurality of row electrode pairs, and capacitive light-emitting elements arranged at intersecting points of the row electrode pairs and the column electrodes, and in which driving is performed by repeating a driving step that comprises a reset step, an addressing step, and a sustain step, wherein:

an output terminal of a column electrode drive circuit connected to the column electrodes is connected to a switch having a parasitic diode, and

during the period of the sustain step, said output terminal of said column electrode drive circuit is maintained in a high impedance state, and bipolar pulse signals which are a half cycle out of phase with each other are supplied to each of a first row electrode and a second row electrode that constitute each of the row electrode pairs, wherein a period exists wherein a negative polarity pulse and a positive polarity pulse respectively of said bipolar pulse signals are simultaneously applied to one electrode and the other electrode of each of said row electrode pairs respectively, and wherein a leading edge of said negative polarity pulse applied to said one electrode and a leading edge of said positive polarity pulse applied to said other electrode exist at different timings, and a trailing edge of said negative polarity pulse applied to said one electrode and a trailing edge of said positive polarity pulse applied to said other electrode exist at different timings.

Claims 2 and 3 (Canceled)

Claim 4 (Original): The display panel driving method according to claim 1, wherein rising edge portions and falling edge portions of positive pulses and negative pulses contained in the bipolar pulse signals are caused by a shift in electric potential based on resonance of a resonance circuit.

Claim 5 (Previously Presented): A display panel driving method for driving a display panel, the display panel including a plurality of row electrode pairs, a plurality of column electrodes arranged intersecting the plurality of row electrode pairs, and capacitive light-emitting elements arranged at intersecting points of the row electrode pairs and the column electrodes, and in which driving is performed by repeating a driving step that comprises a reset step, an addressing step, and a sustain step, wherein:

during the period of the sustain step, an output terminal of a column electrode drive circuit connected to the row electrodes is maintained in a high impedance state, and bipolar pulse signals which are a half cycle out of phase with each other are supplied to each of a first row electrode and a second row electrode that constitute each of the row electrode pairs, wherein said period of said sustain step includes a first section in which a potential of one electrode of each of said electrode pairs transfers from a neutral potential to a first potential of a first polarity, a second section, after the completion of said first section, in which a potential of the other electrode of each of said electrode pairs transfers from the neutral potential to a second potential of a second polarity opposite to said first polarity, a third section, after the completion of said second section, in which said potential of said one electrode stays at said first potential of said

first polarity and said potential of said other electrode stays at said second potential of said second polarity for a predetermined period, a fourth section, after the completion of said third section, in which the potential of said other electrode transfers from said second potential of said second polarity to said neutral potential, and a fifth section, after the completion of said fourth section, in which said potential of said one electrode transfers from said first potential of said first polarity to said neutral potential.

Claim 6 (Previously Presented): The display panel driving method according to claim 5, wherein rising edge portions and falling edge portions of positive pulses and negative pulses contained in the bipolar pulse signals are caused by a shift in electric potential based on resonance of a resonance circuit.